DEPLOYMENT
(one form per housing)

STORM SURGE SENSOR
INSPECTION FORM

DATE: 10/19/13  STORM: Fau - Sandy  INSPECTORS: AEC MLN KBB

SITE INFORMATION

SITE NAME:  LATITUDE (DD to 6 places): 40.7257
(Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)

SITE DESCRIPTION: F1 Beach East  LONGITUDE (DD to 6 places): -72.6974

STATE: NY  COUNTY: Suffolk  Landowner notified (circle one): Yes  No

SENSOR INFORMATION

Sensor Type (circle one): HOBO  TROLL  Sensor Serial Number: 9800740

Deployed As (circle one): 

Deployment Time (GMT): 1322

Sensor Data Interval (circle one): 30 sec  2 sec  

Sensor Logging Start Time (GMT) 

Sensor in Water (circle one): YES  NO

REFERENCE POINT INFORMATION

RP #: 1  Assumed RP elev. = 284 feet
TD from RP = _______ feet
Weight length= _______ feet

Assumed WS elevation = 08 feet

Housing Correction Factor = _______ feet

Sensor Orifice Elevation = _______ feet

TD to channel bottom/beach = _______ feet

RP description: 

2nd 1st 3rd

E  d c s

Other notes:

VI label on housing? No

Pictures Taken (circle all that apply): Sensor  Upstream  Downstream  Other  Camera Owner:

Barometric Pressure (BP) at same Site? (circle one): Yes  No  Reference BP Site Name:

Departure Time:  ******** Called In at Time:  ******** Call-in Contact Initials:  ********

Please ensure original inspection sheet is given to SSC team member upon return from field.
DEPLOYMENT
(one form per housing)

STORM SURGE SENSOR
INSPECTION FORM

DATE: 11/19/13 STORM: 1st - Sandy INSPECTORS: MLN 1885/AES

SITE INFORMATION

SITE NAME: _______________ LATITUDE (DD to 6 places): 40.7323
(Site Name Format: SSS-SS-COU-##, where SSS = state, COU = county, ## = site number)

SITE DESCRIPTION: FL Beach Baro LONGITUDE (DD to 6 places): -82.8658

STATE: FL COUNTY: Stock Landowner notified (circle one): Yes No

SENSOR INFORMATION

Sensor Type (circle one): <Hobo> TROLL Sensor Serial Number: 9801738

Deployed As (circle one): water level barometric pressure wave height

Deployment Time (GMT): 1058

Sensor Data Interval (circle one): sec. sec

Sensor Logging Start Time (GMT) _______________

REFERENCE POINT INFORMATION

RP # __________ Assumed RP elev. = __________ feet

TD from RP = __________ feet

Weight length = __________ feet

Subtract total tapedown __________ feet

Assumed WS elevation = __________ feet

Housing Correction Factor = __________ feet

Sensor Orifice Elevation = __________ feet

TD to channel bottom/beach = __________ feet

RP description: _______________

SITE SKETCH

VI label on housing? [ ]

Pictures Taken (circle all that apply): Sensor Upstream Downstream Other Camera Owner: Yes

Barometric Pressure (BP) at same Site? (circle one): Yes No Reference BP Site Name: ______________________

Departure Time: _______________ Called In At Time: _______________ Call-in Contact Initials: _______________

Please ensure original inspection sheet is given to SSC team member upon return from field.
DEPLOYMENT

STORM SURGE SENSOR
INSPECTION FORM


SITE INFORMATION

SITE NAME: ___________________________ LATITUDE (DD to 6 places): 40.7059
(Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)

SITE DESCRIPTION: Fire Island National Seashore LONGITUDE (DD to 6 places): -72.8968

STATE: NY COUNTY: Suffolk Landowner notified (circle one): Yes No

SENSOR INFORMATION

Sensor Type (circle one): HOBO (TROLL) Sensor Serial Number: 196363
Deployed As (circle one): Water level
Deployment Time (GMT): +4:00 GMT
Sensor Data Interval (circle one): 30 sec

Deployment Time

Deployment Time: +4:00 GMT
Sensor Data Interval: 30 sec

REFERENCE POINT INFORMATION

RP #: Assumed RP elev. = ______ feet
TD from RP = _______ feet
Weight length = _______ feet
Subtract total tapedown = _______ feet
Assumed WS elevation = _______ feet

Housing Correction Factor = _______ feet
Sensor Orifice Elevation = _______ feet

TD to channel bottom/beach = _______ feet

RP description:

________________________

________________________

Other notes:

“HOBO TROLL is hanging from cap via two large quick links and two zip ties wrapped in electric tape.”

SITE SKETCH

VI label on housing?

Pictures Taken (circle all that apply): Sensor Upstream Downstream Other Camera Owner:

Barometric Pressure (BP) at same site? (circle one): Yes No Reference BP Site Name:

Departure Time: ________ Called In at Time: ________ Call-in Contact Initials:

Please ensure original inspection sheet is given to SSC team member upon return from field.
**CONTINUOUS WATER-QUALITY MONITOR FIELD FORM**

Station No. __________________________ Station Name: Wilderness Beach

Monitor Inspected By: J. Teglia, Jr. Date: 2/25/13 Watch Time: Time Datum: 

Gage Ht (Rising, Falling, Steady, Peak) Channel Conditions: 

Monitor Make/Model: Aquatic 200 Monitor Serial No.: 196363 

Field Meter Make/Model: 

Field Meter Serial No.: 

Weather: Cold, Cool, Warm, Hot, Rain, Mist, Sleek, Snow, Humid, Dry, Cloudy, Pt Cloudy, Overcast, Clear, Windy, Gusty, Breeze, Calm

Comments: To be deployed at the beach

### MONITOR FOULING CHECKS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Before Cleaning</th>
<th></th>
<th>After Cleaning</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Time</td>
<td>Recorded/Live Monitor Reading</td>
<td>Field Meter Reading</td>
<td>Time</td>
</tr>
</tbody>
</table>

- **Temp (°C)**
- **pH (units)**
- **DO (mg/L)**
- **SC (μS/cm)**
- **Turbidity (FRU NTU NTU FRU NTU FRU NTU FRU)**
- **PARM CODE Method code**

### CALIBRATION DRIFT CHECKS

**TEMPERATURE**

Calibration Criteria: ± 1 percent or ± 0.5 °C for liquid-filled thermometers; ± 0.2 °C for thermistors

<table>
<thead>
<tr>
<th>Recorded/Live Monitor Reading</th>
<th>Field Meter Reading</th>
<th>Field Meter 2-pt check</th>
<th>Field Meter 5-pt check</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time Aquavol</td>
<td>Time NIST</td>
<td>Date</td>
<td>Date</td>
</tr>
</tbody>
</table>

In room temp hot water 20.45 20.45

Comments: Good

### SPECIFIC CONDUCTANCE

Calibration Criteria: ± 5 percent for SC ≤ 100 μS/cm or ± 3 percent for SC > 100 μS/cm

<table>
<thead>
<tr>
<th>Standard Value</th>
<th>Standard Lot No.</th>
<th>Standard Type</th>
<th>Expired Date</th>
<th>Standard Temp °C</th>
<th>SC Reading μS/cm</th>
<th>Error %</th>
<th>Standard Temp °C</th>
<th>SC Reading μS/cm</th>
<th>Error %</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,000</td>
<td>12.62 12.62</td>
<td>KCl</td>
<td>2/14</td>
<td>23.4</td>
<td>9900</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25,000</td>
<td>12.03 12.32</td>
<td>KCl</td>
<td>1/14</td>
<td>23.9</td>
<td>25000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50,000</td>
<td>12.01 12.27</td>
<td>KCl</td>
<td>1/14</td>
<td>23.8</td>
<td>50,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Cell range = Reading in air (should be zero) = 0

Comments: Depth in air = 0.01, hezeved = 0.000
RECOVERY
(one form per housing)

STORM SURGE SENSOR
INSPECTION FORM

DATE: 9/19/13  STORM: post-Sandy  INSPECTORS: RRB, RAC

SITE INFORMATION

SITE NAME:  
(Latitude Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)

SITE DESCRIPTION: FI Breach East  LONGITUDE (DD to 6 places): -72.8964

SENSOR INFORMATION

Sensor Type (circle one): HOBO TROLL  Sensor Serial Number: 9800740

Recovery Time (EST): 13:20  Tapedown or Tapeup from Housing Nut:

Sensor in Water (circle one): YES  Housing Correction Factor:

Slippage during deploy? (circle one): YES  NO  Slippage distance: 

REFERENCE POINT INFORMATION

RP # 1  Assumed RP elev. = 2.84 feet

TD from RP = _______ feet

Weight length = _______ feet

Subtract total tapedown = _______ feet

Assumed WS elevation = _______ feet

Add/Subtract Housing TD/TU = 2.15 feet

Housing Correction Factor = _______ feet

Slipping Correction Factor = _______ feet

Sensor Orifice Elevation = _______ feet

TD to channel bottom/beach = _______ feet

Other notes: RPI - top of nut or pier

High-Water Marks (circle one): YES  NO

HWM description:

SITE SKETCH (if needed)

RP1 to WS: 2.5 ft.

RP1 to nut: 2.75 ft

Nut to orifice: 0.62 ft

PROCESSING INFORMATION (To be completed by Data Processor)

Raw surge data filename:  
(filename format: SSS-SS-COU-###.hobo)

Reference BP raw data filename:  
(filename format: SSS-SS-COU-###BP.hobo)

Proc'd surge data filename:  
(filename format: SSS-SS-COU-###-final.csv)

PDF graph filename:  
(filename format: SSS-SS-COU-###-graph.pdf)

Copied to FTP location (circle one): YES  NO

Completion Date:  

Processor Initials:  

- 50 -
**STORM SURGE SENSOR INSPECTION FORM**

**DATE:** 9/9/13  **STORM:** Post - Sandy  **INSPECTORS:** R.E. R.A.

**SITE INFORMATION**

<table>
<thead>
<tr>
<th>SITE NAME:</th>
<th>Breach Board</th>
</tr>
</thead>
<tbody>
<tr>
<td>LATITUDE (DD to 6 places):</td>
<td>40.1323</td>
</tr>
<tr>
<td>LONGITUDE (DD to 6 places):</td>
<td>-72.8668</td>
</tr>
</tbody>
</table>

**SENSOR INFORMATION**

<table>
<thead>
<tr>
<th>Sensor Type (circle one):</th>
<th>HOBO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recovery Time (GMT):</td>
<td>15:45</td>
</tr>
<tr>
<td>Sensor in Water (circle one):</td>
<td>YES</td>
</tr>
<tr>
<td>Slippage during deploy? (circle one):</td>
<td>YES</td>
</tr>
</tbody>
</table>

| Sensor Serial Number: | 9800738 |
| Tapedown or Tapeup from Housing Nut: | feet |
| Housing Correction Factor: | feet (nut to orifice) |
| Slippage distance: | feet (nut to ref. mark) |

**REFERENCE POINT INFORMATION**

<table>
<thead>
<tr>
<th>RP #</th>
<th>Assumed RP elev. =</th>
<th>n/a</th>
</tr>
</thead>
<tbody>
<tr>
<td>TD from RP =</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Weight length =</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Subtract total tapedown =</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Assumed WS elevation =</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Add/Subtract Housing TD/TU =</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Housing Correction Factor =</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Slipping Correction Factor =</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Sensor Orifice Elevation =</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>TD to channel bottom/beach =</td>
<td>feet</td>
<td></td>
</tr>
</tbody>
</table>

**SITE SKETCH (if needed)**

**High-Water Marks (circle one):** YES  NO

**HWM description:**

**REFERENCES**

**Pictures Taken (circle all that apply):** Sensor  Upstream  Downstream  Other  Camera Owner:

**Barometric Pressure (BP) at same Site? (circle one):** Yes  No

**Reference BP Site Name:**

**Departure Time:**

**Called In at Time:**

**Call-in Contact Initials:**

**PROCESSING INFORMATION (To be completed by Data Processor)**

<table>
<thead>
<tr>
<th>Raw surge data filename:</th>
<th>Reference BP raw data filename:</th>
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<tr>
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<td>(filename format: SSS-SS-COU-###BP.hobo)</td>
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</tr>
<tr>
<td>Copied to FTP location (circle one):</td>
<td>YES  NO</td>
</tr>
<tr>
<td>Completion Date:</td>
<td>Processor Initials:</td>
</tr>
</tbody>
</table>
**STORM SURGE SENSOR INSPECTION FORM**

**SITE INFORMATION**

- **DATE:** 9/14/13  
- **STORM:** post-Sandy  
- **INSPECTORS:** RRF, RAC

- **SITE NAME:**  
  (Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)

- **LATITUDE** (DD to 6 places): 40.7259

- **LONGITUDE** (DD to 6 places): -72.8968

**SENSOR INFORMATION**

- **Sensor Type** (circle one): HOBO TROLL

- **Recovery Time (GMT):** 13:16

- **Sensor in Water (circle one):** YES NO

- **Slippage during deploy? (circle one):** YES NO

- **Sensor Serial Number:** 196363

- **Tapedown or Tapeup from Housing Nut:** feet

- **Housing Correction Factor:** feet (nut to orifice)

- **Slippage distance:** feet (nut to ref. mark)

**REFERENCE POINT INFORMATION**

- **RP # 2 Assumed RP elev.:** 2.85 feet

- **TD from RP:** feet

- **Weight length:** feet

- **Subtract total tapedown:** feet

- **Assumed WS elevation:** feet

- **Add/Subtract Housing TD/TU:** 2.85 feet

- **Housing Correction Factor:** - 1.62 feet

- **Slipping Correction Factor:** feet

- **Sensor Orifice Elevation:** - 1.62 feet

- **TD to channel bottom/beach:** feet

**HIGH-WATER MARKS**

- **High-Water Marks (circle one):** YES NO

- **HWM description:**

**PICTURES TAKEN**

- **Pictures Taken (circle all that apply):** Sensor Upstream Downstream Other

**BAROMETRIC PRESSURE**

- **Barometric Pressure (BP) at same Site? (circle one):** Yes No

**REFERENCE BP SITE NAME:**

**DEPARTURE TIME:**

**CALLED IN AT TIME:**

**PROCESSING INFORMATION**

(To be completed by Data Processor)

- **Raw surge data filename:**
  (filename format: SSS-SS-COU-###.hobo)

- **Proc'd surge data filename:**
  (filename format: SSS-SS-COU-###-final.csv)

- **Reference BP raw data filename:**
  (filename format: SSS-SS-COU-###BP.hobo)

- **PDF graph filename:**
  (filename format: SSS-SS-COU-###graph.pdf)

- **Copied to FTP location (circle one):** YES NO

- **Completion Date:**

- **Processor Initials:**

---

**SITE SKETCH (if needed):**

- **RP2 to WS:** 2.52 ft

- **RP2 to NUT:** 2.85 ft

- **NUT to ORIFICE:** 1.62 ft - S.C. Chamber
  1.62 ft - P.S. Deck Cell.  
  1.66 ft - Lower P.S. orifice.